SOFTWARE ENGINNER UNDERGRADUATE

IEE member

**RANDIKA RODRIGO**

A person in a black shirt

Description automatically generated

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 0769921810

**PERSONAL PROFILE**

Self-motivated enthusiastic undergraduate with excellent organizing and time management skills. Keen interest in the subject and highly passionate to become a skilled software engineer. Proficient in mathematics and problem solving and eager to face challenging technical problems. I am keen to find an internship in a challenging company to enhance the scope of my knowledge and to get familiar with the industry.

**AREA OF EXPERTISE**

**Mathematics**

**JAVA**

**Python**

**Web development**

**UI Design**

**WORK EXPERIENCE**

**Summer Internship**

**attune Consulting**

*07/2019 – one month*

*We empower fashion and lifestyle companies to transition to the digital age by leveraging the latest SAP technology. Easily manage the entire fashion process—from manufacturing, private brand retail, and wholesale with our suite of integrated, configurable solutions.*

Task:

* Learnt an overview of SAP
* Learnt about project management, managing online presence, Career goals and development, Lean manufacturing and many more.
* Met Industrial giants like Ajay Amalean (Director and co-founder of MAS Holding Pvt Ltd), Cheevaan Devavarathan Daniel (Group Director at Capital Maharaja Organisation), Sarinda Unamboowe(CEO of MAS Kreeda).
* Factory visits to MAS Linea Aqua (Pvt) Ltd, Prym Intimates and Twinery Innovations by MAS.
* Final project, Kids at Workday, a project to practice project management.

**EDUCATION**

* **BEng Software Engineering**

University of Westminster

*09/2018 – present 2nd Year*

2nd year results:

|  |  |
| --- | --- |
| Algorithms: Theory Design and Implementations | *Pending* |
| Client Server Architecture | *Pending* |
| Software Development Group Project | *Pending* |
| Object Oriented Programming | *Pending* |
| Database Systems | *Pending* |
| Applied Maths and Physics for Games | *Pending* |

1st year results

|  |  |
| --- | --- |
| Programming Principles 01 | *97* |
| Programming Principles 02 | *82* |
| Mathematics for Computing | *100* |
| Computer Systems Fundamentals | *86* |
| Computer Science Practice | *77* |
| Wed Design and Development | *85* |

* **Certified Information Security Expert**

NetAssits, ANC education

*08/2018 – present yet to complete the examination*

* **Cambridge Advanced Level**

St. Nicholas International College, Negombo

*2018*

Mathematics stream – **2 A\*, 1 A and a**

* **Cambridge Ordinary Level**

St. Nicholas International College, Negombo

*2016*

Science stream – **4 A\* and 4 A**

**Contact Details**

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**Social Media**

* LinkedIn: www.linkedin.com/in/randika-rodrigo-751860196
* GitHub: https://github.com/RandikaR21

**Referee**

* Sudharshan Welihinda

Director – Operations, Senior Lecturer

at Informatics Institute of Technology.

Contact:

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National Manager – LB Finance

Contact:

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  + Mobile: (+94)0772533038

**PERSONAL PROJECTS**

* APE හඬ - Real time Sinhala Sign language to Sinhala Translator through machine learning for the Software Development Group Project.
* Team leader and Machine Learning component.

The machine learning part was an image classification. I have done it using python with Keras library.

* Fitness App to athletes – generate random locations on a map for the athletes to run, record distance, time and generate average speed.
* This project was done using simple JavaScript with the use of Mapbox API.
* Vehicle Rental management system as a coursework for the object-oriented programming module.
* This was done using Java as the backend along with mySQL database and Angular as the frontend along with Spring Boot as an API.
* Physics engine for the Unity gaming engine as a coursework for the Applied Maths and Physics for gaming module.
  + Implemented using C## programming language.
* Gaming website as the course work for the Web Design and Development module.
  + This was done using simple HTML5, JavaScript and CSS

**Other Skills**

* Art and design
* Creative

**Interests**

* Machine Learning,
* UI/UX design
* Movies

**SPORTS**

* Played basketball during schooling.
* Did swimming during schooling. Participated and won may competitions.

**Languages**

* English
* Sinhala